



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Edward J. Kroliczek et al.      Art Unit : Unknown  
Serial No. : 10/694,387      Examiner : Unknown  
Filed : October 28, 2003  
Title : HEAT TRANSFER SYSTEM

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the attached form PTO-1449. In accordance with the PTO's waiver of 37 CFR 1.98 (a)(2)(iii), only copies of any foreign patent documents and/or non-patent references are enclosed. This statement is being filed before the receipt of a first Office Action on the merits.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: November 19, 2004

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Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13442-007001	Application No. 10/694,387
	Applicant Edward J. Kroliczek et al.		
	Filing Date October 28, 2003	Group Art Unit 3743	

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,382,309 B1	05-07-2002	Kroliczek et al.			
	AB	2002/0007937 A1	01-24-2002	Kroliczek et al.			
	AC	3,490,718	01/20/1970	A. Vary			
	AD	3,613,778	10/19/1971	Feldman , Jr.			
	AE	4,046,190	09/06/1977	Marcus et al.			
	AF	4,087,893	05/09/1978	Sata et al.			
	AG	4,116,266	09/26/1978	Sawata et al.			
	AH	4,170,262	10/09/1979	Marcus et al.			
	AI	4,503,483	03/05/1985	Basiulis			
	AJ	4,685,512	08/11/1987	Edelstein et al.			
	AK	4,770,238	09/13/1988	Owen			
	AL	4,830,718	05/16/1989	Stauffer			
	AM	4,883,116	11/28/1989	Seidenberg et al.			
	AN	5,002,122	03/26/1991	Sarraf et al.			
	AO	5,335,720	08/09/1994	Ogushi et al.			
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	AR	5,761,037	06/02/1998	Anderson et al.			
	AS	5,771,967	06/30/1998	Hyman			
	AT	5,944,092	08/31/1999	Van Oost			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Abstract	
							Yes	No
	AU	1 467 354	01-22-1987	SOVIET UNION			X	
	AV	2 098 733	03-07-1995	RUSSIA			X	
	AW	0 210 337	02-04-1987	EUROPE			X	
	AX	02/10661 A1	02-07-2003	WIPO				

Examiner Signature	Date Considered
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							Yes	No
	AY	0 987 509 A1	03/22/2000	EUROPE				
	AZ	2000-055577	02/25/2000	JAPAN			X	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AAA	Jentung Ku, "Operational Characteristics of Loop Heat Pipes", NASA Goddard Space Flight Center; SAE Paper 99-01-2007, 29 <sup>th</sup> International Conference on Environmental Systems, Denver, Colorado, July 12-15, 1999; Society of Automotive Engineers, Inc.
	ABB	Jane Baumann et al., "A methodology for enveloping reliable start-up of LHPs", AIAA Paper 2000-2285 (AIAA Accession number 33681), AIAA Thermophysics Conference, 34th, Denver, CO, June 19-22, 2000.
	ACC	W. B. Bienert et al., "The Proof-Of-Feasibility of Multiple Evaporator Loop Heat Pipes", 6 <sup>th</sup> European Symposium on Environmental Systems, May 1997, 6 pages.
	ADD	S. Yun et al., "Design and Test Results of Multi-Evaporator Loop Heat Pipes", SAE Paper No. 1999-01-2051, 29 <sup>th</sup> International Conference on Environmental Systems, July 1999, 7 pages.
	AEE	Stephane Van Oost et al., "Test Results of Reliable and Very High Capillary Multi-Evaporators/Condenser Loop", 25 <sup>th</sup> International Conference on Environmental Systems, July 10-13, 1995, 12 pages.
	AFF	E. Yu Kotlyarov et al., "Methods of Increase of the Evaporators Reliability for Loop Heat Pipes and Capillary Pumped Loops", 24th International Conference on Environmental Systems, June 20-23, 1994, 15 pages.
	AGG	Hoang, "Advanced Capillary Pumped Loop (A-CPL) Project Summary" Contract No.: NAS5-98103, March 1994, pages 1-37.
	AHH	Martien Janssen et al., "Measurement and application of performance characteristics of a Free Piston Stirling Cooler", 9 <sup>th</sup> International Refrigeration and Air Conditioning Conference, July 16-19, 2002, 8 pages.
	AII	Yong-Rak Kwon et al., "Operational Characteristics of Stirling Machinery", International Congress of Refrigeration, August 17-22, 2003, 8 pages.
	AJJ	David M. Berchowitz et al., "Design and Testing of a 40 W Free-Piston Stirling Cycle Cooling Unit", 20 <sup>th</sup> International Conference of Refrigeration, IIR/IIF, Sydney, 1999, 7 pages.
	AKK	D.M. Berchowitz Ph. D., "Maximized Performance of Stirling Cycle Refrigerators", Natural working fluids '98 IIR - Gustav Lorentzen Conference: Oslo, Norway, June 2-5, 1998, Fluides actifs naturels conference IIF-Gustav Lorentzen, Journal: Science et technique du froid, 1998 (4) 422-429.
	ALL	David M. Berchowitz, "Free-Piston Rankine Compression and Stirling Cycle Machines for Domestic Refrigeration", Presented at the Greenpeace Ozon Safe Conference, Washington, DC, October 18-19, 1993.
	AMM	Stephen C. Wetty and Fernando Cueva, "Energy Efficient Freezer Installation Using Natural Working Fluids and a Free Piston Stirling Cooler" VI Congreso Iberoamericano De Aire Acondicionado Y Refrigeracion, CIAR 2001, Trabajo No. 96, pp. 199-208, August 15-17, 2001.

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Other Documents (include Author, Title, Date, and Place of Publication)		
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	ANN	Emre Oguz et al., "Experimental Investigation Of a Stirling Cycle Cooled Domestic Refrigerator", 9 <sup>th</sup> Proceedings of the International Refrigeration and Air Conditioning Conference at Purdue, 2002; 9 <sup>th</sup> , Vol. 2, pp. 777-784.
	AOO	Seon-Young Kim et al., "The Application of Stirling Cooler to Refrigeration", IECEC-97-Intersociety Energy Conversion Engineering Conference, 1997, Conference 32, Vol. 2, pp. 1023-1026.
	APP	D.M. Berchowitz et al. "Recent Advances in Stirling Cycle Refrigeration", 1995, 19 <sup>th</sup> International Conference of Refrigeration, The Hague, The Netherlands, 8 pages.

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